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NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTRULE has been reloaded
NEWS 12 Jul 02 FORBEC no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMARKETRECTOR(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPFO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.04.
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0a(JP),
AND CURRENT DISCOVER FILE IS DATED 03 FEBRUARY 2002
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FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002

=> file medline, cancerlit, biosis, confsci, caplus
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FULL ESTIMATED COST 0.21 SESSION 0.21

FILE 'MEDLINE' ENTERED AT 10:50:21 ON 03 OCT 2002

FILE 'CANCERLIT' ENTERED AT 10:50:21 ON 03 OCT 2002

FILE 'BIOSIS' ENTERED AT 10:50:21 ON 03 OCT 2002
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=> s angioogenesis?
L1 56416 ANGIOGENESIS?

=> s l1 and syndecan?
L2 0 l1 AND SYNDECAN?

=> s l1 and syndecan?
L3 51 l1 AND SYNDECAN?

=> dup rem l3
L4 PROCESSING COMPLETED FOR L3
31 DUP REM L3 (20 DUPLICATES REMOVED)

=> d 1-31

L4 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2002:51303 CAPLUS

DN 136:96038
TI Methods of modulating wound healing and angioogenesis
IN Goelink, Paul F.
PA The General Hospital Corporation, USA

SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN. CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 200204028 A1 20020117 WO 2001-USA1288 20010706
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, BG, BR, BY, BZ, CA, CH, CN,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
US 2002048585 A1 20020425 US 2001-900288 20010706

PRAI US 2000-216247P P 20000706
RE. CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 31 MEDLINE DUPLICATE 1
AN 2002223728 Pubmed ID: 11923257
DN 21920769 Role of syndecan-1 in leukocyte-endothelial interactions in the ocular vasculature.
AU Gorte Martin; Jousseaume Antonia M; Klein Christoph; Andre Patrick; Wagner Dennis D; Hinkes Michael T; Kirchhof Bernd; Adams Anthony P; Bernfield Merton
CS Division of Newborn Medicine, Children's Hospital, Boston, Massachusetts 02115, USA.
NC R01-CA-28715 (NCI)
R01-EY-12611-01 (NEI)
R01-HL-53756 (NHLBI)
SO INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE, (2002 Apr) 43 (4) 1135-41.
CY Journal code: 7703701. ISSN: 0146-0404.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200204
ED Entered STN: 20020419
Last Updated on STN: 20020430
Entered Medline: 20020429

L4 ANSWER 3 OF 31 MEDLINE DUPLICATE 2
AN 2002211822 MEDLINE
DN 21942497 Pubmed ID: 11945170
TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action.
AU Genaro Renato; Zanetti Margherita; Benincasa Monica; Poda Elena; Miani Monica
CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Via Giorgieri, 1, I-34127 Trieste, Italy.
SO CURRENT PHARMACEUTICAL DESIGN, (2002) 8 (9) 763-78. Ref: 109
CY Journal code: 9602487. ISSN: 1381-6128.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA General Review; (REVIEW)
LA English
FS Priority Journals
EM 200208
ED Entered STN: 20020412
Last Updated on STN: 20020831
Entered Medline: 20020830

L4 ANSWER 4 OF 31 MEDLINE DUPLICATE 3
AN 2002460455 IN-PROCESS
DN 22126577 Pubmed ID: 12128069
TI A recombinant NH(2)-terminal heparin-binding domain of the adhesive glycoprotein, chondropodisin-1, promotes endothelial tube formation and cell survival: a possible role for syndecan-4 proteoglycan.
AU Perrazi do Couto; Bernstein Mariana A; Nunes Sara Santana; Andrade Ana Carolina Magalhães; Alves Tercia Rodrigues; Legend Chantal; Morandi Veronica
CS Departamento de Biologia Celular e Genética, Instituto de Biologia Roberto Alcântara Gomes, Universidade do Estado do Rio de Janeiro (UERJ), Rua São Francisco Xavier, 524 PHLG sala 205, Maracanã, Rio de Janeiro, RJ, Brazil.
SO MATRIX BIOLOGY, (2002 Jun) 21 (4) 311-24.
Journal code: 9432592. ISSN: 0945-053X.

CY Germany; Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20020911
Last Updated on STN: 20020911

L4 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2002:517556 CAPLUS
TI Cell adhesive and heparin binding sites on the laminin alpha chain G domains
AU Suzuki, Nobuharu; Kasai, Shingo; Ichikawa, Naoki; Okazaki, Ikuko; Kato, Kouze; Yamada, Masanori; Nishi, Norio; Yamashita, Hiromobu; Kitagawa, Yasuo; Nomizu, Motoyoshi
CS Graduate School of Environmental Earth Science, Hokkaido University, Sapporo, 060-0810, Japan
SO Peptide Science (2002), Volume Date 2001, 38th, 127-130
CODEN: PSICFQ; ISSN: 1344-7661
PB Japanese Peptide Society
DT Journal
LA English
RE. CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2002:362613 CAPLUS
DN 136:322854
TI The role of heparan sulfate in the regulation of tumor angiogenesis induced by angiomodulin
AU Yamada, Shuhei
CS Dep. Biochem, Kobe Pharm. Univ., Kobe, 658-8558, Japan
SO Yakugaku Kenkyu no Shippo (2002), 18, 113-126
CODEN: YAKSEY; ISSN: 0914-4544
PB Yakugaku Kenkyu Zaiden
DT Journal; General Review
LA Japanese

L4 ANSWER 7 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:428611 BIOSIS
DN PREV200200428611
TI Modulation of microvascular signaling by heparan sulfate matrix: studies in syndecan-4 transgenic mice.
AU Li, Jian; Parovian, Chohren; Li, Jinyi; Hampton, Thomas G.; Metajis, Caroline; Tkachenko, Eugene; Seljke, Frank W.; Simons, Michael (1)
CS (1) Angiogenesis Research Center and Section of Cardiology, Dartmouth Medical School and Dartmouth Hitchcock Medical Center, Lebanon, NH, 03756; Michael.Simons@dartmouth.edu USA
SO Microvascular Research, (July, 2002) Vol. 64, No. 1, pp. 38-46.
http://www.academolpress.com/micpath. print.
ISSN: 0026-2862.

DT Article
LA English

L4 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2002 ACS
AN 2001:416975 CAPLUS
DN 135:37179
TI Proteoglycans and pharmaceutical compositions comprising them
AU Yeda, Avner
PA Yeda Research and Development Co. Ltd., Israel
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PT	WO 2001040267	A2	20010607	WO 2000-11821
W:	AE, AG, AL, AM, AN, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, CA, CH, CN, CU, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
BP 1237922	A2	20020911	EP 2000-979926	20001205
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, IR			
PRAI IL 1999-13318	A	19991205		
WO 2000-11821	W	20001205		
L4	ANSWER 9 OF 31	MEDLINE	DUPLICATE 4	
AN	2001495375			
DN	21428909	Pubmed ID: 11544026		
TI	Syndecan-4 and focal adhesion function.			
AU	Woods A; Couchman J R			
CS	Department of Cell Biology, University of Alabama at Birmingham, Birmingham, AL 35294-0019, USA.. awood@cellbio.bms.uab.edu			
NC	DR 54605 (NIDDK)			
SO	CURRENT OPINION IN CELL BIOLOGY, (2001 Oct) 13 (5) 578-83. Ref: 57			
CY	Journal code: 8913428. ISSN: 0955-0674.			
DT	United States			
DT	Journal: Article; (JOURNAL ARTICLE)			
LA	English			
FS	Priority Journals			
ED	200110			
ED	Entered STN: 20010910			
ED	Last Updated on STN: 20011015			
ED	Entered Medicine: 20011011			
L4	ANSWER 10 OF 31	MEDLINE	DUPLICATE 5	
AN	2001224929			
DN	21102087	Pubmed ID: 11169736		
TI	Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.			
AU	Luo J; Kato M; Wang H; Bernfield M; Bischoff J			
CS	Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA 02115, USA.			
NC	F32 HL09390 (NHLBI)			
SO	R29 GM46757 (NIGMS)			
CY	Journal code: 8205768. ISSN: 0730-2312.			
DT	United States			
DT	Journal: Article; (JOURNAL ARTICLE)			
LA	English			
FS	Priority Journals			
ED	200104			
ED	Entered STN: 20010502			
ED	Last Updated on STN: 20010502			
ED	Entered Medicine: 20010426			
L4	ANSWER 11 OF 31	CAPLUS	COPYRIGHT 2002 ACS	
AN	2001:58565			
DN	135:342159			
TI	Heparan sulfate proteoglycans: heavy hitters in the angiogenesis arena			
AU	Lozzo, Renato V.; San Antonio, James D.			
CS	Department of Pathology, Anatomy and Cell Biology, Cellular Biology and Signaling Program, Kimmel Cancer Center, and Cardesa Foundation, Thomas Jefferson University, Philadelphia, PA, 19107, USA			
SO	Journal of Clinical Investigation (2001), 108(3), 349-355			
CODEN:	JCIINAO; ISSN: 0021-9738			
PB	American Society for Clinical Investigation			
LA	English			
RE.CNT	45			
ALL CITATIONS AVAILABLE FOR THIS RECORD				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				
L4	ANSWER 12 OF 31	BIOSIS	COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.	
AN	2001:419206			
DN	PREV200100419206			
TI	Molecular properties and involvement of heparanase in cancer metastasis and angiogenesis.			
AU	Vlodavsky, Israel (1); Friedmann, Yael			
CS	(1) Department of Oncology, Hadassah Hospital, Jerusalem, 91120: vlodavsk@cc.huji.ac.il Israel			
SO	Journal of Clinical Investigation, (August, 2001) Vol. 108, No. 3, pp. 341-347. Print.			
ISSN:	0021-9738.			
DT	General Review			
LA	English			
SL	English			
L4	ANSWER 13 OF 31	CAPLUS	COPYRIGHT 2002 ACS	
AN	2001:526629			
DN	135:329724			
TI	Heparan sulfate proteoglycans: intricate molecules with intriguing functions			
AU	Lozzo, Renato V.			
CS	Department of Pathology, Anatomy and Cell Biology, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, PA, 19107, USA			
SO	Journal of Clinical Investigation (2001), 108(2), 165-167			
CODEN:	JCIINAO; ISSN: 0021-9738			
PB	American Society for Clinical Investigation			
DT	Journal: General Review			
LA	English			
RE.CNT	15			
ALL CITATIONS AVAILABLE FOR THIS RECORD				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				
L4	ANSWER 14 OF 31	MEDLINE	DUPLICATE 6	
AN	2001140784			
DN	21102376	Pubmed ID: 11160142		
TI	Delayed wound repair and impaired angiogenesis in mice lacking syndecan-4.			
AU	Eichemeyer F; Streit M; Wilcox-Adelman S; Saoncelle S; Denhez F; Detmar M; Goettlinc P			
CS	Curcaneous Biology Research Center, Massachusetts General Hospital, Harvard Medical School, Charlestown, MA 02129, USA.			
NC	HD-57490 (NIDDK)			
SO	T32 AR07098 (NIAMS)			
DT	Journal code: 7802877. ISSN: 0021-9738.			
CY	United States			
DT	Journal: Article; (JOURNAL ARTICLE)			
LA	English			
FS	Abridged Index Medicus Journals; Priority Journals			

EM 200103
 ED Entered STN: 20010404
 Last Updated on STN: 20010404
 Entered Medicine: 20010308

L4 ANSWER 15 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2002:263200 BIOSIS
 DN PREV200200263200
 TI PKCdelta regulates RGF-2-stimulated angiogenesis in a
 syndecan-4 dependent manner: Cross-talk between PKC isozymes.
 AU Murakami, Masahiro (1); Horowitz, Arle; Simons, Michael
 CS (1) Dartmouth-Hitchcock Med Ctr, Lebanon, NH USA
 SO Circulation. (October 23, 2001) Vol. 104, No. 17 Supplement, pp. II.34.
 http://circ.ahajournals.org/. print
 Meeting Info.: Scientific Sessions 2001 of the American Heart Association
 Anaheim, California, USA November 11-14, 2001
 ISSN: 0009-7322.

DT Patent
 LA English

L4 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:335257 CAPLUS
 DN 133:823
 TI Stimulation of angiogenesis via syndecan-4 cytoplasmic
 domain signaling pathway
 IN Simons, Michael; Horowitz, Arle
 PA Beth Israel Deaconess Medical Center, USA
 SO PCT Int. Appl., 73 pp.
 DT Patent
 LA English

FAN CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 PI WO 2000027416 A1 20000518 WO 1999-US26647 19991110
 W: AU, CA, JP
 R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE
 EP 1131081 A1 20010912 EP 1999-962741 19991110
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 PRAI US 1998-190976 A 19981112
 WO 1999-US26647 W 19991110
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:115824 CAPLUS
 DN 132:217982
 TI Stimulation of angiogenesis via enhanced endothelial expression
 of chimeric heparan sulfate-binding proteins
 IN Simons, Michael; Volk, Rudiger; Horowitz, Arle
 PA Beth Israel Deaconess Medical Center, USA
 SO PCT Int. Appl., 72 pp.
 DT Patent
 LA English

FAN CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 PI WO 2000014103 A1 20000316 WO 1999-US18865 19990818
 W: AU, CA, JP
 R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE

AU 9956794 A1 20000327 AU 1999-56794 19990818
 EP 111283 A1 20010704 EP 1999-943760 19990818
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 PRAI US 1998-145916 A 19980902
 WO 1999-US18865 W 19990818
 RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:121629 CAPLUS
 DN 132:161252
 TI N-acetylgalactosamine-2-O-sulfated uronic acid compounds for
 angiogenesis inhibitors, and therapeutic use thereof
 IN Bernfield, Merton; Kim, Yeong Shik; Linhardt, Robert J.
 PA Children's Medical Center Corp, USA; The University of Iowa Research
 Foundation
 SO U.S., 11 pp.
 DT Patent
 LA English

FAN CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 PI US 6028061 A 20000222 US 1998-99296 19980618
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2000:304026 BIOSIS
 DN PREV200000304026
 TI Syndecan signaling in angiogenesis.
 AU Simons, Michael (1)
 CS (1) Angiogenesis Research Center, BIDMC, Harvard Medical School, Boston,
 MA USA
 SO FASEB Journal, (March 15, 2000) Vol. 14, No. 4, pp. A799. print.
 Meeting Info.: Annual Meeting of Professional Research Scientists:
 Experimental Biology 2000 San Diego, California, USA April 15-18, 2000
 Federation of American Societies for Experimental Biology
 . ISSN: 0892-6638.
 DT Conference
 LA English

SL English

L4 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:105942 CAPLUS
 DN 134:220215
 TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin
 binding to endothelial cells
 AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff,
 Joyce
 CS Surgical Research Laboratory, Children's Hospital, Boston, MA, 02115, USA
 SO Journal of Cellular Biochemistry (2000), 80(4), 522-531
 COEDN: JOEBDS: ISSN: 0730-2312
 PB Wiley-Liss, Inc.
 DT Journal
 LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:114335 CAPLUS
 DN 132:332744
 TI A genome-wide survey of RAS transformation targets

AU Zuber, Johannes; Tchernitsa, Oleg I.; Hinzmann, Bernd; Schmitz, Anne-Chantal; Grips, Martin; Hellriegel, Martin; Sers, Christine; Rosenthal, Andre; Schafer, Reinhold
 CS Laboratory of Molecular Tumour Pathology, Institute of Pathology, Charité, Humboldt-University, Berlin D-10117, Germany
 SO Nature Genetics (2000) 24(2), 144-152
 CODEN: NGENEC; ISSN: 1061-4036
 PB Nature America
 DT Journal
 LA English
 RE CNT 31
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
 L4 ANSWER 22 OF 31 MEDLINE
 AN 199377046 MEDLINE
 DN 99377046 Pubmed ID: 10446383
 TI Inducible expression of the cell surface heparan sulfate proteoglycan syndecan-2 (fibroglycan) on human activated macrophages can regulate fibroblast growth factor action.
 AU Claesper S; Vekemans S; Fiore M; Plebanski M; Wordsworth P; David G; Jackson D G
 CS University of Oxford, Molecular Immunology Group, Institute of Molecular Medicine, John Radcliffe Hospital, Headington, Oxford OX3 9DU United Kingdom.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Aug 20) 274 (34) 24113-23.
 DN Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199909
 ED Entered STN: 19990921
 Last Updated on STN: 20000303
 Entered Medline: 19990909
 L4 ANSWER 23 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2000:83494 BIOSIS
 DN PREV2000083494
 TI Testican antigen in human blood.
 AU Basalamah, Mohammed A. (1); Marr, Henry S. (1); Duncan, Andrew W. (1); Badgeli, Cora-Jean S. (1)
 CS (1) Pathology, Univ North Carolina at Chapel Hill, 520 BBH, CB No. 7525, Chapel Hill, NC, 27599 USA
 SO Molecular Biology of the Cell, (NOV., 1999) Vol. 10, No. SUPPL., pp. 459a. Meeting Info.: 39th Annual Meeting of the American Society for Cell Biology, Washington, D.C., USA December 11-15, 1999 The American Society for Cell Biology
 . ISSN: 1059-1524.
 DT Conference
 LA English
 L4 ANSWER 24 OF 31 MEDLINE
 AN 1999407582 MEDLINE
 DN 99407582 Pubmed ID: 10478144
 TI Syndecan-1 expression is induced in the stroma of infiltrating breast carcinoma.
 AU Stanley M J; Stanley M W; Sanderson R D; Zera R
 CS Department of Surgery, Hennepin County Medical Center, Minneapolis, MN 55415, USA.
 NC CA68494 (NC1)
 SO AMERICAN JOURNAL OF CLINICAL PATHOLOGY, (1999 Sep) 112 (3) 377-83. Journal code: 0370470. ISSN: 0002-9173.
 CY United States
 DT Journal: Article; (JOURNAL ARTICLE)

LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199909
 ED Entered STN: 19991005
 Last Updated on STN: 19991005
 Entered Medline: 19990923
 L4 ANSWER 25 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1999:133089 BIOSIS
 DN PREV19990133089
 TI Syndecan-1 expression is induced in the stroma of infiltrating breast carcinoma.
 AU Stanley, Michelle J. (1); Stanley, Michael W.; Sanderson, Ralph D.; Zera, Richard (1)
 CS (1) Dep. Surgery, Hennepin County Med. Cent., Minneapolis, MN USA
 SO Modern Pathology, (Jan., 1999) Vol. 12, No. 1, pp. 31A. Meeting Info.: Annual Meeting of the United States and Canadian Academy of Pathology San Francisco, California, USA March 20-26, 1999
 ISSN: 0893-3952.
 DT Conference
 LA English
 L4 ANSWER 26 OF 31 MEDLINE
 AN 1998207022 MEDLINE
 DN 98207022 Pubmed ID: 9538225
 TI Nitric oxide mediates interleukin-1-induced gene expression of matrix metalloproteinases and basic fibroblast growth factor in cultured rabbit articular chondrocytes.
 AU Sasaki K; Hattori T; Fujisawa T; Takahashi K; Inoue H; Takigawa M
 CS Department of Biochemistry and Molecular Dentistry, Okayama University Dental School, Okayama 700-8525, Japan.
 SO JOURNAL OF BIOCHEMISTRY, (1998 Mar) 123 (3) 431-9. Journal code: 0376600. ISSN: 0021-924X.
 CY Japan
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199805
 ED Entered STN: 19980609
 Last Updated on STN: 20000303
 Entered Medline: 19980526
 L4 ANSWER 27 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1999:524045 BIOSIS
 DN PREV19990524045
 TI Syndecan-4 cytoplasmic domain-dependent regulation of endothelial cell growth.
 AU Volk, Ruediger (1); Li, Jian (1); Schwartz, Jay; Horowitz, Arle; Simons, Michael (1)
 CS (1) BIDMC/Harvard Med. Sch., Boston, MA USA
 SO Circulation, (OCT. 27, 1998) Vol. 98, No. 17 SUPPL., pp. 1391. Meeting Info.: 71st Scientific Sessions of the American Heart Association Dallas, Texas, USA November 8-11, 1998 The American Heart Association
 . ISSN: 0009-7322.
 DT Conference
 LA English
 L4 ANSWER 28 OF 31 MEDLINE
 AN 1998444445 MEDLINE
 DN 98444445 Pubmed ID: 9771483
 TI Heparan sulphate proteoglycan expression in human primary liver tumours.
 AU Rostams T; De Vos R; David G; Van Damme B; Desmet V
 CS Laboratory for Histochemistry, University of Leuven, Belgium.
 SO JOURNAL OF PATHOLOGY, (1998 Jul) 185 (3) 290-7.

Journal code: 0204634. ISSN: 0022-3417.

CY ENGLAND: United Kingdom
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 PS Priority Journals
 EM 199810
 ED Entered STN: 19981029
 Last Updated on STN: 19981029
 Entered Medicine: 19981019

L4 ANSWER 29 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1998:95753 BIOSIS
 DN PREV19980095753
 TI Why do immature hemangiomas regress.
 AU Eeckhout, I. (1); Leaute-Labreze, C.; Tsiab, A.
 CS (1) Serv. Dermatol., Hop. Univ., De Pintelaan 185, B-9000 Gent Belgium
 SO Annales de Dermatologie et de Venerologie, (Nov., 1997) Vol. 124, No. 11,
 pp. 800-804.
 ISSN: 0151-9638.

DT Article
 LA French

L4 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:357168 CAPLUS
 DN 125:26311
 TI Synducin (syndecan expression-inducers) mediate modulation of
 tissue repair
 IN Gallo, Richard L.; Bernfield, Merton
 PA Children's Medical Center Corporation, USA
 SO PCT Int. Appl., 32 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9609322	A2	19960328	WO 1995-US12080	19950922
WO 9609322	A3	19960523		
W: AU, CA, JP, KR				
US 5654273	A	19970805	US 1994-310722	19940922
AU 9538228	A1	19960409	AU 1995-38228	19950922
US 5863897	A	19990126	US 1996-728333	19961010
PRAI US 1994-310722		19940922		
WO 1995-US12080		19950922		

L4 ANSWER 31 OF 31 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1996:202896 BIOSIS
 DN PREV199698759025
 TI Syndecan-1 expression is induced during angiogenesis
 and inflammation in the skin.
 AU Gallo, R. L. (1); Naley, M. R. (1); Barnhill, R.
 CS (1) Dep. Dermatol., Harv. Med. Sch., Boston, MA USA
 SO Modern Pathology, (1996) Vol. 9, No. 1, pp. 41A.
 Meeting info.: 1996 Annual Meeting of the United States and Canadian
 Academy of Pathology, Washington, D.C., USA, March 23-29, 1996
 ISSN: 0893-3952.

DT Conference
 LA English

(FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002)
 FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, CAPLUS' ENTERED AT 10:50:21 ON
 03 OCT 2002

L1 56416 S ANGIOGENESIS?
 L2 0 S L1 AND SYNDSCAN?
 L3 51 S L1 AND SYNDSCAN?
 L4 31 DUP REM L3 (20 DUPLICATES REMOVED)

=> s l1 and heperin(a)sulfate(a)proteoglycan
 L5 0 L1 AND HEPERIN(A) SULFATE(A) PROTEOGLYCAN

=> s l1 and HSPG
 L6 83 L1 AND HSPG

=> dup rem l6
 PROCESSING COMPLETED FOR L6
 L7 35 DUP REM L6 (48 DUPLICATES REMOVED)

=> d 1-35

L7 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2002:429402 CAPLUS
 DN 137:5014
 TI Monoclonal anti-heparanase antibodies for treating conditions related to
 heparan sulfate proteoglycan-associated growth factor, chemokine, cytokine
 or degradative enzyme
 IN Peretz, Tuvia; Miron, Daphna; Shlomi, Yinnon; Pecker, Iris;
 PA Ayal-Herskovitz, Maty; Vlodavsky, Israel; Friedmann, Yael
 SO U.S. Pat. Appl. Publ., 11 pp., Cont.-in-part of U.S. Ser. No. 71,618,
 abandoned.
 CODEN: USXXCO

DT Patent
 LA English
 FAN.CMT 15

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002068061	A1	20020606	US 1998-186200	19981104
US 5968822	A	19991019	US 1997-922170	19970902
WO 2000025817	A1	20000511	WO 1999-US25451	19991028
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				
DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
JP, KE, KG, KR, KZ, LC, LR, LS, LT, LU, LV, MD, MG, MK,				
MR, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,				
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,				
MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
CG, CI, CM, GN, GA, GN, ML, MR, NE, SN, TD, TG				
EP 1126878	A1	20010829	EP 1999-956781	19991028
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO				
AU 751170	B2	20020808	AU 2000-13314	19991028
NO 2001002190	A	20010612	NO 2001-2190	20010503
PRAI US 1997-922170	A2	19970902		
US 1998-71618	B2	19980501		
US 1998-186200	A	19981104		
WO 1999-US25451	W	19991028		

L7 ANSWER 2 OF 35 MEDLINE
 AN 2002437934 MEDLINE
 DN 22163966 PubMed ID: 12173939

DUPLICATE 1

TI Short heparin sequences spaced by glycol-split uronate residues are antagonists of fibroblast growth factor 2 and **angio genesis**

AU Casu Benito; Guerrini Marco; Maggi Annamaria; Perez Marta; Torri Giangiacomo; Ribatti Domenico; Carmignani Paolo; Giannini Giuseppe; Penco Sergio; Pisano Claudio; Belleri Mirella; Rusnati Marco; Presta Marco G. Romoni Institute for Chemical and Biochemical Research, 20133 Milan, Italy.

SO BIOCHEMISTRY, (2002 Aug 20) 41 (33) 10519-28.

CY Journal code: 0370623. ISSN: 0006-2960.

DT United States

LA English

FS Priority Journals

EM 200209

ED Entered STN: 20020829

ED Last updated on STN: 20020906

ED Entered Medline: 20020905

L7 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2002 ACS

AN 2001:769050 CAPLUS

DN 136:112737

TI Interaction of angiogenic growth factors with endothelial cell heparan sulfate proteoglycans: Implications for the development of angiostatic compounds

AU Rusnati, Marco; Tulpiano, Giovanni; Presta, Marco

CS Unit of General Pathology and Immunology, Department of Biomedical Science and Biotechnology, University of Brescia School of Medicine, Brescia, Italy

SO New Angiotherapy (2002), 357-385. Editor(s): Fan, Tai-Ping D.; Kohn, Elise C. Publisher: Humana Press Inc., Totowa, N. J.

DT CODEN: 69BYCE

LA Conference: General Review

RE.CMT 214 THERE ARE 214 CITED REFERENCES AVAILABLE FOR THIS RECORD

LA English

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 35 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2002:313396 BIOSIS

DN PREV200200313396

TI Extracellular pH modulates vascular endothelial growth factor: Heparan sulfate interactions.

AU Goerger, Adrienne L. (1); Nugent, Matthew A. (1)

CS (1) Biochemistry, Boston University School of Medicine, 80 E. Concord St., Boston, MA, 02118 USA

SO FASEB Journal, (March 20, 2002) Vol. 16, No. 4, pp. A216.

CS http://www.fasebj.org/. print.

CS Meeting Info.: Annual Meeting of the Professional Research Scientists on Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002

CS ISSN: 0892-6638.

DT Conference

LA English

L7 ANSWER 5 OF 35 MEDLINE

AN 2002299390 IN-PROCESS

DN 22025731 Pubmed ID: 12027584

TI Mamalian heparanase: Involvement in cancer metastasis, **angio genesis** and normal development.

AU Vlodavsky Israel; Goldshmidt Orit; Zcharia Eyal; Atzmon Ruth; Rangin-Gueta Zehava; Elkin Michael; Peretz Tamir; Friedmann Yael

CS Department of Oncology, Hadassah-Hebrew University Hospital, Jerusalem 91120, Israel.

SO SEMINARS IN CANCER BIOLOGY, (2002 Apr) 12 (2) 121-9.

AN Journal code: 9010218. ISSN: 1044-579X.

CY United States

DT Journal: Article; (JOURNAL ARTICLE)

LA English

FS IN-PROCESS; NOTINDEXED; Priority Journals

ED Entered STN: 20020528

ED Last updated on STN: 20020528

L7 ANSWER 6 OF 35 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2002:456274 BIOSIS

DN PREV200200456274

TI Involvement of heparanase in cancer metastasis and **angio genesis**.

AU Goldshmidt, Orit; Zcharia, Eyal; Vlodavsky, Israel (1)

CS (1) Department of Oncology, Hadassah-Hebrew University Hospital, Jerusalem, 91120. vlodavsk@cc.huji.ac.il Israel

SO TheScientificWorldJOURNAL, (May, 2002) Vol. 1, No. Cited May 31, 2002, pp. 73-76. http://www.thescientificworld.com/publications/default.asp. online.

DT ISSN: 1537-744X.

LA Article

English

L7 ANSWER 7 OF 35 MEDLINE

AN 2001556790 MEDLINE

DN 21474296 Pubmed ID: 11473122

TI Fibroblast growth factor-2 antagonist activity and angiostatic capacity of sulfated Escherichia coli K5 polysaccharide derivatives.

AU Leali D; Belleri M; Urdinatti C; Coltrini D; Oreste F; Zoppetti G; Ribatti D; Rusnati M; Presta M

CS Unit of General Pathology and Immunology, Department of Biomedical Sciences and Biotechnology, School of Medicine, University of Brescia, 25123 Brescia, Italy.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Oct 12) 276 (41) 37900-8.

CY Journal code: 2985121R. ISSN: 0021-9258.

DT United States

LA English

FS Priority Journals

EM 200112

ED Entered STN: 20011018

ED Last updated on STN: 20020122

ED Entered Medline: 20011204

L7 ANSWER 8 OF 35 MEDLINE

AN 2001169910 MEDLINE

DN 2167859 Pubmed ID: 11120741

TI The angiogenic factors Cyr61 and connective tissue growth factor induce adhesive signaling in primary human skin fibroblasts.

AU Chen C C; Chen N; Lau L F

CS Department of Molecular Genetics, University of Illinois at Chicago College of Medicine, 60607-7170, USA.

NC CA46565 (NCI)

CA80080 (NCI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Mar 30) 276 (13) 10443-52.

CS Journal code: 2985121R. ISSN: 0021-9258.

DT United States

LA English

FS Priority Journals

EM 200105

ED Entered STN: 20010517

ED Last updated on STN: 20010517

ED Entered Medline: 20010510

L7 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2002 ACS

AN 2001:593014 CAPLUS

DN 135:286613
 TI Heparanase as mediator of angiogenesis: mode of action
 AU Elkin, Michael; Ilan, Neta; Ishai-Michaeli, Rivka; Friedmann, Yael; Papo, Ofir; Pecker, Iris; Vlodavsky, Israel
 CS Departments of Oncology and Pathology, Hadassah-Hebrew University Hospital, Jerusalem, 91220, Israel
 SO PNASB Journal (2001), 15(9), 1661-1663, 10.1096/fj.00-0895fje
 CODEN: PNASB; ISSN: 0892-6638
 PB Federation of American Societies for Experimental Biology
 DT Journal
 LA English
 RE.CNT 34
 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:872587
 DN 136:367133
 TI Heparan sulfate proteoglycans and cancer
 AU Blackhall, F. H.; Merry, C. L. R.; Davies, E. J.; Jayson, G. C.
 CS Cancer Research Campaign Department of Medical Oncology, Christie Hospital and Paterson Institute for Cancer Research, Withington, Manchester, M20 4BX, UK
 SO British Journal of Cancer (2001), 85(8), 1094-1098
 CODEN: BJCAI; ISSN: 0007-0920
 PB Harcourt Publishers Ltd.
 DT Journal: General Review
 LA English
 RE.CNT 40
 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 35 MEDLINE DUPLICATE 5
 AN 2001:258176
 DN 21102163
 TI The splice variants of vascular endothelial growth factor (VEGF) and their receptors.
 AU Robinson C J; Stringer S B
 CS The Cancer Research Campaign Department of Drug Development and the CRC Institute for Cancer Research, Christie Hospital, Manchester, M20 4BX, UK.
 SO JOURNAL OF CELL SCIENCE, (2001 Mar) 114 (Pt 5) 853-65. Ref: 196
 CY England: United Kingdom
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 ED 200105
 Entered STN: 20010521
 Last Updated on STN: 20010521
 Entered Medline: 20010517

L7 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:585655
 DN 135:342159
 TI Heparan sulfate proteoglycans: heavy hitters in the angiogenesis arena
 AU Iozzo, Renato V.; San Antonio, James D.
 CS Department of Pathology, Anatomy and Cell Biology, Cellular Biology and Signaling Program, Kimmel Cancer Center, and Cardesa Foundation, Thomas Jefferson University, Philadelphia, PA, 19107, USA
 SO Journal of Clinical Investigation (2001), 108(3), 349-355
 CODEN: JCIINO; ISSN: 0021-9738
 PB American Society for Clinical Investigation

DT Journal: General Review
 LA English
 RE.CNT 45
 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 35 MEDLINE DUPLICATE 6
 AN 2001:391020
 DN 21338497
 TI Heparanases: endoglycosidases that degrade heparan sulfate proteoglycans.
 AU Bame K J
 CS Division of Molecular Biology and Biochemistry, School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO 64110, USA.
 SO Glycobiology, (2001 Jun) 11 (6) 91R-98R. Ref: 65
 Journal code: 9104124. ISSN: 0959-6658.
 CY England: United Kingdom
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 ED 200110
 Entered STN: 20011029
 Last Updated on STN: 20011029
 Entered Medline: 20011025

L7 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:525413
 DN 135:163928
 TI Heparanases: endoglycosidases that degrade heparan sulfate proteoglycans
 AU Bame, Karen J.
 CS Division of Molecular Biology and Biochemistry, School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO, 64110, USA
 SO CODEN: GLYCB3; ISSN: 0959-6658
 PB Oxford University Press
 DT Journal: General Review
 LA English
 RE.CNT 72
 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 35 MEDLINE DUPLICATE 7
 AN 2000:45987
 DN 20441568
 TI Astrocytes contribute to the brain-metastatic specificity of melanoma cells by producing heparanase.
 AU Marchetti D; Li J; Shen R
 CS Department of Neurosurgery, The University of Texas-Houston Health Science Center, 77030, USA.. Dario.Marchetti@uth.tmc.edu
 SO R-29 CA64178 (NCI)
 CANCER RESEARCH, (2000 Sep 1) 60 (17) 4767-70.
 Journal code: 2984705R. ISSN: 0008-5472.
 CY United States
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 ED 200009
 Entered STN: 20001005
 Last Updated on STN: 20001005
 Entered Medline: 20000928

L7 ANSWER 16 OF 35 MEDLINE DUPLICATE 8
 AN 2001:054600
 DN 20406200
 TI Examining new models for the study of autocrine and paracrine mechanisms

of *angiotensin* through FGF2-transfected endothelial and tumor cells.
 AU Presta M; Rusnati M; Dell'Era P; Tanghetti E; Urbani C; Giuliani R; Leali D
 CS Department of Biomedical Sciences and Biotechnology, University of Brescia, Italy
 SO ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY, (2000) 476 7-34. Ref: 113
 CY Journal code: 0121103. ISSN: 0065-2598.
 DT United States
 LA English
 FS Priority Journals
 ED Entered STN: 20010322
 EM Last Updated on STN: 20010322
 TI Entered Medicine: 20001214

ANSWER 17 OF 35 MEDLINE DUPLICATE 9
 AN 1993377046 MEDLINE
 DN 99377046 Pubmed ID: 10446183
 TI Inducible expression of the cell surface heparan sulfate proteoglycan syndecan-2 (fibroglycan) on human activated macrophages can regulate fibroblast growth factor action.
 AU Claepers S; Vekemans S; Fiore M; Plebanek M; Wordworth P; David G; Jackson D G
 CS University of Oxford, Molecular Immunology Group, Institute of Molecular Medicine, John Radcliffe Hospital, Headington, Oxford OX3 9DU United Kingdom.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Aug 20) 274 (34) 24113-23.
 CY Journal code: 2985121R. ISSN: 0021-9258.
 DT United States
 LA English
 FS Priority Journals
 ED Entered STN: 19990921
 EM Last Updated on STN: 20000303
 TI Entered Medicine: 19990909

ANSWER 18 OF 35 MEDLINE DUPLICATE 10
 AN 1999214150 MEDLINE
 DN 99214150 Pubmed ID: 10196157
 TI Glypican-1 is a VEGF165 binding proteoglycan that acts as an extracellular chaperone for VEGF165.
 AU Gengrinovitch S; Berman B; David G; Witte L; Neufeld G; Ron D
 CS Department of Biology, Technion-Israel Institute of Technology, Haifa 32000, Israel.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Apr 16) 274 (16) 10816-22.
 CY Journal code: 2985121R. ISSN: 0021-9258.
 DT United States
 LA English
 FS Priority Journals
 ED Entered STN: 19990601
 EM Last Updated on STN: 19990601
 TI Entered Medicine: 19990517

ANSWER 19 OF 35 MEDLINE DUPLICATE 11
 AN 1999316044 MEDLINE
 DN 99316044 Pubmed ID: 10385702
 TI Modulation of fibroblast growth factor-2 receptor binding, signaling, and

mitogenic activity by heparin-mimicking polysulfonated compounds.
 AU Liekens S; Leali D; Neyts J; Ennot R; Rusnati M; Dell'Era P; Mandgal P C; De Clercq E; Presta M
 CS Rega Institute for Medical Research, University Hospital, Katholieke Universiteit Leuven, Leuven, Belgium. Liekens@rega.kuleuven.ac.be
 SO MOLECULAR PHARMACOLOGY, (1999 Jul) 56 (1) 204-13.
 CY Journal code: 0035623. ISSN: 0026-895X.
 DT United States
 LA English
 FS Priority Journals
 ED Entered STN: 19990730
 EM Last Updated on STN: 20000303
 TI Entered Medicine: 19990722

ANSWER 20 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:297371 CAPLUS
 DN 133:70258
 TI Heparan sulfate proteoglycans
 AU Shworak, Nicholas W.; Rosenberg, Robert D.
 CS Angiogenesis Research Center Beth Israel Deaconess Medical Center, Boston, MA, USA
 SO Angiogenesis and Cardiovascular Disease (1999), 60-78. Editor(s): Ware, J. Anthony; Simons, Michael. Publisher: Oxford University Press, Inc., New York, N. Y.
 DT Conference: General Review
 LA English
 RE CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 21 OF 35 CAPLUS COPYRIGHT 2002 ACS
 AN 1998:237136 CAPLUS
 DN 129:3741
 TI Noncompetitive, chemokine-mediated inhibition of basic fibroblast growth factor-induced endothelial cell proliferation
 AU Presta, Marco; Bellotti, Mirella; Vecchi, Annuciata; Hesselgeser, Joseph; Mantovan, Alberto; Horuk, Richard
 CS Unit. General Pathol. Immunol., Dep. Biomedical Scis. Biotechnol., Univ. Brescia, Brescia, 25123, Italy
 SO Journal of Biological Chemistry (1998), 273(14), 7911-7919
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English

ANSWER 22 OF 35 MEDLINE DUPLICATE 12
 AN 1998301564 MEDLINE
 DN 98301564 Pubmed ID: 9636139
 TI Defining the domains of type I collagen involved in heparin- binding and endothelial tube formation.
 AU Sweeney S M; Guy C A; Fields G B; San Antonio J D
 CS Department of Medicine and the Cardiac Foundation for Hematologic Research, Jefferson Medical College of Thomas Jefferson University, Philadelphia, PA 19107, USA.
 NC AR01929 (NIMMS)
 KD44494
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Jun 23) 95 (13) 7275-80.
 CY Journal code: 7505876. ISSN: 0027-8424.
 DT United States
 TI Journal; Article; (JOURNAL ARTICLE)

LA	English		
FS	Priority Journals		
EM	199808		
ED	Entered STN: 19980817		
	Last Updated on STN: 20000303		
	Entered Medline: 19980806		
L7	ANSWER 23 OF 35	MEDLINE	DUPLICATE 13
AN	1998384200	MEDLINE	
DN	98384200	Pubmed ID: 9716565	
TI	Vascular endothelial growth factor stimulates proliferation but not		
	migration or invasiveness in human extracellular trophoblast.		
AU	Athanasiasides A; Hamilton G S; Lala P K		
CS	Department of Anatomy and Cell Biology, The University of Western Ontario,		
	London, Ontario, Canada N6A 5C1.		
SO	BIOLOGY OF REPRODUCTION, (1998 Sep) 59 (3) 643-54.		
	Journal code: 0207224. ISSN: 0006-3363.		
CY	United States		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199810		
ED	Entered STN: 19981020		
	Last Updated on STN: 20000303		
	Entered Medline: 19981005		
L7	ANSWER 24 OF 35	MEDLINE	DUPLICATE 14
AN	1998449568	MEDLINE	
DN	98449568	Pubmed ID: 9778119	
TI	Role of placenta growth factor (PlGF) in human extravillous trophoblast		
	proliferation, migration and invasiveness.		
CM	Comment in: Placenta. 2000 Jul-Aug;21(5-6):593-5		
AU	Athanasiasides A; Lala P K		
CS	Department of Anatomy and Cell Biology, The University of Western Ontario,		
	London, Canada		
SO	PLACENTA, (1998 Sep) 19 (7) 465-73.		
	Journal code: 8006349. ISSN: 0143-4004.		
CY	ENGLAND: United Kingdom		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199812		
ED	Entered STN: 19980115		
	Last Updated on STN: 20010611		
	Entered Medline: 19981209		
L7	ANSWER 25 OF 35	MEDLINE	DUPLICATE 15
AN	1998444445	MEDLINE	
DN	98444445	Pubmed ID: 9771483	
TI	Heparan sulphate proteoglycan expression in human primary liver tumours.		
AU	Roshani T; De Vos R; David G; Van Damme B; Desmet V		
CS	Laboratory for Histochemistry, University of Leuven, Belgium.		
SO	JOURNAL OF PATHOLOGY, (1998 Jul) 185 (3) 290-7.		
	Journal code: 0204634. ISSN: 0022-3417.		
CY	ENGLAND: United Kingdom		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199810		
ED	Entered STN: 19981029		
	Last Updated on STN: 19981029		
	Entered Medline: 19981019		
L7	ANSWER 26 OF 35	MEDLINE	DUPLICATE 16
AN	97219983	MEDLINE	
DN	97219983	Pubmed ID: 9121441	
TI	Suppression of autocrine and paracrine functions of basic fibroblast		
	growth factor by stable expression of perlecan antisense cDNA.		
AU	Avetzer D; Iozzo R V; Noonan D W; Tayon A		
CS	Department of Molecular Cell Biology, The Weizmann Institute of Science,		
	Rehovot, Israel.		
SO	MOLECULAR AND CELLULAR BIOLOGY, (1997 Apr) 17 (4) 1938-46.		
	Journal code: 8109087. ISSN: 0270-7306.		
CY	United States		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199704		
ED	Entered STN: 19970506		
	Last Updated on STN: 19970506		
	Entered Medline: 19970424		
L7	ANSWER 27 OF 35	MEDLINE	DUPLICATE 17
AN	97223306	MEDLINE	
DN	97223306	Pubmed ID: 9070190	
TI	Human prostate carcinoma cells produce extracellular heparanase.		
AU	Kosir M A; Quinn C C; Zukowski K L; Grignon D J; Leebetter S		
CS	Surgical Service, VA Medical Center, Detroit, Michigan 48201, USA.		
SO	JOURNAL OF SURGICAL RESEARCH, (1997 Jan) 67 (1) 98-105.		
	Journal code: 0376340. ISSN: 0022-4804.		
CY	United States		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199704		
ED	Entered STN: 19970414		
	Last Updated on STN: 19970414		
	Entered Medline: 19970403		
L7	ANSWER 28 OF 35	CAPLUS COPYRIGHT 2002 ACS	
AN	1996:160725	CAPLUS	
DN	124:249421		
TI	Inhibition of fibroblast growth factors		
AU	Wellstein, Anton; Czudayko, Frank		
CS	Lombardi Cancer Center, Georgetown University, Washington, DC, 20007, USA		
SO	Breast Cancer Research and Treatment (1996), 38(1), 109-19		
	CODEN: BCTRDP6; ISSN: 0167-6806		
PS	Kluwer		
DT	Journal; General Review		
LA	English		
L7	ANSWER 29 OF 35	MEDLINE	DUPLICATE 18
AN	96269899	MEDLINE	
DN	96269899	Pubmed ID: 8766863	
TI	Codistribution of basic fibroblast growth factor and heparan sulfate		
	proteoglycan in the growth zones of the human placenta.		
AU	Muhlhauser J; Marziani D; Morroni M; Vuckovic M; Crescimanno C;		
	Castellucci M		
CS	Laboratory of Vascular Pathology, Istituto Dermatologico dell' Immacolata,		
	IDL, Rome, Italy.		
SO	CELL AND TISSUE RESEARCH, (1996 Jul) 285 (1) 101-7.		
	Journal code: 0417625. ISSN: 0302-766X.		
CY	GERMANY: Germany, Federal Republic of		
DT	Journal; Article; (JOURNAL ARTICLE)		
LA	English		
FS	Priority Journals		
EM	199610		
ED	Entered STN: 19961025		

Last Updated on STN: 19961025
Entered Medline: 19961017

L7 ANSWER 30 OF 35 MEDLINE
AN 96143548
DN 96143548 Pubmed ID: 8594076
TI Major basement membrane components in Kaposi's sarcoma, angiosarcoma and benign vascular neogenesis.
AU Dector M; Bendsoe N; Runke S; Witte M
CS Department of Pathology, University Hospital, Lund, Sweden.
SO JOURNAL OF CUTANEOUS PATHOLOGY. (1995 Oct) 22 (5) 435-41.
Journal code: 0425124. ISSN: 0303-6987.

CY Denmark
DT Journal: Article; (JOURNML ARTICLE)
LA English
FS Priority Journals
EM 199604
ED Entered STN: 19960422
Last Updated on STN: 19980206
Entered Medline: 19960410

L7 ANSWER 31 OF 35 MEDLINE
AN 94368802
DN 94368802 Pubmed ID: 7522051
TI Diminished heparin binding of a basic fibroblast growth factor mutant is activator induction, and in vitro angiogenesis.
AU Li L Y; Saitan M; Avlezer D; Bohlen P; Seddon A P; Yayon A
CS Department of Protein Chemistry, American Cyanamid Company, Pearl River, New York 10965.
SO BIOCHEMISTRY. (1994 Sep 13) 33 (36) 10999-1007.
Journal code: 0370623. ISSN: 0006-2960.

CY United States
DT Journal: Article; (JOURNML ARTICLE)
LA English
FS Priority Journals
EM 199410
ED Entered STN: 19941031
Last Updated on STN: 19960129
Entered Medline: 19941018

L7 ANSWER 32 OF 35 MEDLINE
AN 95094284
DN 95094284 Pubmed ID: 7528102
TI Perlecan, basal lamina proteoglycan, promotes basic fibroblast growth factor-receptor binding, mitogenesis, and angiogenesis.
AU Avlezer D; Hecht D; Saitan M; Elisinger M; David G; Yayon A
CS Department of Chemical Immunology, Weizmann Institute of Science, Rehovot, Israel.
SO CELL. (1994 Dec 16) 79 (6) 1005-13.
Journal code: 0413066. ISSN: 0092-8674.

CY United States
DT Journal: Article; (JOURNML ARTICLE)
LA English
FS Priority Journals
EM 199501
ED Entered STN: 19950215
Last Updated on STN: 19960129
Entered Medline: 19950126

L7 ANSWER 33 OF 35 CANCERLIT
AN 95614990
DN 95614990
TI Ectopic expression of fibroblast growth factors and their receptors in

breast cancer (Meeting abstract).
Fering D G; Anandappa S Y; Barracough R; Ke Y; Smith J A; Platt-Higgins A; Wilkinson M C; Winstanley J H; Rudland P S
CS Cancer and Polio Research Fund laboratories, Department of Biochemistry, University of Liverpool, PO Box 147, Liverpool L69 3BX, UK.
SO Non-serial. (1994) 3rd International Conference of the Mediterranean Society of Tumor Marker Oncology (WESTMO), October 26-29, 1994, Athens, Greece, 114, 1994.

DT Journal: Article; (JOURNML ARTICLE)
LA English
FS Institute for Cell and Developmental Biology
EM 199507
ED Entered STN: 19950707
Last Updated on STN: 19950707

L7 ANSWER 34 OF 35 MEDLINE
AN 92329738
DN 92329738 Pubmed ID: 1378313
TI Mediators of angiogenesis: the biological significance of basic fibroblast growth factor (bFGF)-heparin and heparan sulfate interactions.
AU Klagsbrun M
CS Department of Surgery, Children's Hospital, Boston, MA 02115.
SO CA37392 (NCI)
NC CA45548 (NCI)

SEMINARS IN CANCER BIOLOGY. (1992 Apr) 3 (2) 81-7. Ref: 56
Journal code: 9010218. ISSN: 1044-579X.

CY United States
DT Journal: Article; (JOURNML ARTICLE)
LA English
FS Priority Journals
EM 199208
ED Entered STN: 19920904
Last Updated on STN: 19960129
Entered Medline: 19920820

L7 ANSWER 35 OF 35 MEDLINE
AN 91324686
DN 91324686 Pubmed ID: 1865106
TI Basic fibroblast growth factor binding is a marker for extracellular neurofibrillary tangles in Alzheimer disease.
AU Siedlak S L; Cras P; Kawai M; Richey P; Perry G
CS Division of Neuropathology, Case Western Reserve University, Cleveland, Ohio 44106
NC AG-007552 (NIA)
K04-AG00415 (NIA)

SO JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY. (1991 Jul) 39 (7) 899-904.
Journal code: 9815334. ISSN: 0022-1554.

CY United States
DT Journal: Article; (JOURNML ARTICLE)
LA English
FS Priority Journals
EM 199109
ED Entered STN: 19910929
Last Updated on STN: 19980206
Entered Medline: 19910906

=> d his
(FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002)
FILE 'MEDLINE, CANCERLIT, BIOSIS, CONTRAST, CAPLUS' ENTERED AT 10:50:21 ON

03 OCT 2002

L1 56416 S ANGIOGENESIS?

L2 0 S L1 AND SYNDECAN?

L3 51 S L1 AND SYNDECAN?

L4 31 DUP REM L3 (20 DUPLICATES REMOVED)

L5 0 S L1 AND HEPERIN(A)SULFATE(A) PROTEOGLYCAN

L6 83 S L1 AND HSPG

L7 35 DUP REM L6 (48 DUPLICATES REMOVED)

=> s l3 and inhibit

L8 8 L3 AND INHIBIT

=> d 1-8

L8 ANSWER 1 OF 8 MEDLINE

AN 2002211822 MEDLINE

DN 21942497 Pubmed ID: 11945170

TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action.

AU Gemmaro Renato; Zanetti Margherita; Benincasa Monica; Podda Elena; Miami Monica

CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Via Giorgieri, 1, I-34127 Trieste, Italy.

SO CURRENT PHARMACEUTICAL DESIGN (2002) 8 (9) 763-78. Ref: 109

Journal code: 9602487. ISSN: 1381-6128.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA General Review; (REVIEW)

FS English

FS Priority Journals

EM 200208

ED Entered STN: 20020412

Last Updated on STN: 20020831

Entered Medicine: 20020830

L8 ANSWER 2 OF 8 MEDLINE

AN 2001224929 MEDLINE

DN 21102087 Pubmed ID: 11169736

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.

AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J

CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA 02115, USA.

NC P32 H109390 (NHLBI)

SO R29 CMA6757 (NIGMS)

JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.

Journal code: 8205768. ISSN: 0730-2312.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200104

ED Entered STN: 20010502

Last Updated on STN: 20010502

Entered Medicine: 20010426

L8 ANSWER 3 OF 8 CANCERLIT

AN 2001102087 CANCERLIT

DN 21102087 Pubmed ID: 11169736

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.

AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J

CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave.,

Boston, MA 02115, USA.

NC P32 H109390 (NHLBI)

R29 CMA6757 (NIGMS)

SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.

Journal code: 8205768. ISSN: 0730-2312.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS MEDLINE: Priority Journals

OS MEDLINE 2001224929

EM 200104

ED Entered STN: 20010515

Last Updated on STN: 20010515

L8 ANSWER 4 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2001:141520 BIOSIS

DN PREV200100141520

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.

AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff, Joyce (1)

CS (1) Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA, 02115; bischoffj@hsb.fch.harvard.edu USA

SO Journal of Cellular Biochemistry, (21 December 8 January) Vol. 80, No. 4, pp. 522-531. Print.

ISSN: 0730-2312.

DT Article

LA English

SL English

L8 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2002:362613 CAPLUS

DN 136:332854

TI The role of heparan sulfate in the regulation of tumor angiogenesis induced by angiomodulin

AU Yamada, Shunel

CS Dep. Biochem., Kobe Pharm. Univ., Kobe, 658-8558, Japan

SO Yakugaku Kenkyu no Shinpo (2002), 18, 113-126

CODEN: YAKSEY; ISSN: 0914-4544

PB Yakugaku Kenkyu Shorei Zaidan

DT Journal; General Review

LA Japanese

L8 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2002:331744 CAPLUS

TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action

AU Gemmaro, Renato; Zanetti, Margherita; Benincasa, Monica; Podda, Elena; Miami, Monica

CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Trieste, I-34127, Italy

SO Current Pharmaceutical Design (2002), 8(9), 763-778

CODEN: CPDEPP; ISSN: 1381-6128

PB Bentham Science Publishers

DT Journal

LA English

RE CNT 106

THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2001:105942 CAPLUS

DN 134:220215

TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells

AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff, Joyce
 CS Surgical Research Laboratory, Children's Hospital, Boston, MA, 02115, USA
 SO Journal of Cellular Biochemistry (2000), 80(4), 522-531
 PB CODEN: JCBBD5; ISSN: 0730-2312
 PB Wiley-Liss, Inc.
 DT Journal
 LA English
 RE CNT 44
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:121629 CAPLUS
 DN 132:161252
 TI N-acetylglucosamine-2-O-sulfated uronic acid compounds for
 IN anglogenesis inhibitors, and therapeutic use thereof
 IN Bernfield, Merton; Kim, Yeong Shik; Linhardt, Robert J.
 FA Children's Medical Center Corp, USA; The University of Iowa Research
 SO U.S., 11 PP.
 DT Patent
 LA English
 FAN CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 PI US 6028061 A 20000222 US 1998-99296 19980618
 RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his
 (FILE 'HOME' ENTERED AT 10:49:51 ON 03 OCT 2002)

FILE 'MEDLINE, CANCERLIT, BIOSIS, CONFSCI, CAPLUS' ENTERED AT 10:50:21 ON
 03 OCT 2002

L1 56416 S ANGIOGENESIS?
 L2 0 S L1 AND SYNDSCAN?
 L3 51 S L1 AND SYNDSCAN?
 L4 31 DUP REM L3 (20 DUPLICATES REMOVED)
 L5 0 S L1 AND HEPERIN(A) SULFATE(A) PROTEOGLYCAN
 L6 83 S L1 AND HSPG
 L7 35 DUP REM L6 (48 DUPLICATES REMOVED)
 L8 8 S L3 AND INHIBIT

=> s l1 and inhibit?
 L9 23784 L1 AND INHIBIT?

=> s l9 and syndscan?
 L10 22 L9 AND SYNDSCAN?

=> d 1-22

L10 ANSWER 1 OF 22 MEDLINE
 AN 2002460455 IN-PROCESS
 DN 22126577 Pubmed ID: 12128069
 TI A recombinant NH(2)-terminal heparin-binding domain of the adhesive
 glycoprotein, thrombospondin-1, promotes endothelial tube formation and
 cell survival: a possible role for syndscan-4 proteoglycan.
 AU Ferrari do Outeiro-Bernstein Mariana A; Nunes Sara Santana; Andrade Ana
 Carolina Magalhães; Alves Tercia Rodrigues; Legrand Chantal; Morandi
 Veronica
 CS Departamento de Biologia Celular e Genética, Instituto de Biologia Roberto

Alcantara Gomes, Universidade do Estado do Rio de Janeiro (UERJ), Rua Sao
 Francisco Xavier, 524 PUC sala 205, Maracana, Rio de Janeiro, RJ, Brazil.
 SO MATRIX BIOLOGY, (2002 JUN) 21 (4) 311-24.
 DT Journal code: 9432592. ISSN: 0945-053X.
 CY Germany; Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS IN-PROCESS; NONINDEXED; Priority Journals
 ED Entered STN: 20020911
 Last Updated on STN: 20020911

L10 ANSWER 2 OF 22 MEDLINE
 AN 2002211822 MEDLINE
 DN 21942497 Pubmed ID: 11945170
 TI Pro-rich antimicrobial peptides from animals: structure, biological
 functions and mechanism of action.
 AU Gemmaro Renato; Zanetti Margherita; Benincasa Monica; Podda Elena; Miani
 Monica
 CS Department of Biochemistry, Biophysics and Macromolecular Chemistry,
 University of Trieste, Via Giorgieri, 1, I-34127 Trieste, Italy.
 SO CURRENT PHARMACEUTICAL DESIGN, (2002) 8 (9) 763-78. Ref: 109
 Journal code: 9602487. ISSN: 1381-6128.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200208
 Entered STN: 20020412
 Last Updated on STN: 20020831
 Entered Medline: 20020830

L10 ANSWER 3 OF 22 MEDLINE
 AN 2001224929 MEDLINE
 DN 21102087 Pubmed ID: 11169736
 TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit
 E-selectin binding to endothelial cells.
 AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J
 CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave.,
 Boston, MA 02115, USA.
 NC F32 HL09390 (NHLBI)
 R29 GM46757 (NIGMS)
 SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.
 Journal code: 8205768. ISSN: 0730-2312.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200104
 Entered STN: 20010502
 Last Updated on STN: 20010502
 Entered Medline: 20010426

L10 ANSWER 4 OF 22 MEDLINE
 AN 1998207022 MEDLINE
 DN 98207022 Pubmed ID: 9538225
 TI Mitic oxide mediates interleukin-1-induced gene expression of matrix
 metalloproteinases and basic fibroblast growth factor in cultured rabbit
 articular chondrocytes.
 AU Saeki K; Hattori T; Fujisawa T; Takahashi K; Inoue H; Takigawa M
 CS Department of Biochemistry and Molecular Dentistry, Okayama University
 Dental School, Okayama 700-8525, Japan.
 SO JOURNAL OF BIOCHEMISTRY, (1998 Mar) 123 (3) 431-9.

Journal code: 0376600. ISSN: 0021-924X.

CY Japan
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199805
 ED Entered STN: 19980609
 Last updated on STN: 20000303
 Entered Medline: 19980526

L10 ANSWER 5 OF 22 CANCERLIT
 AN 2001102087
 DN 2001102087 Pubmed ID: 11169736
 TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.
 AU Luo J; Kato M; Wang H; Bernfield M; Bischoff J
 CS Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA 02115, USA.
 NC F32 HD09390 (NHLBI)
 SO JOURNAL OF CELLULAR BIOCHEMISTRY, (2001) 80 (4) 522-31.
 CY Journal code: 8205768. ISSN: 0730-2312.
 DT United States
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE 200124929
 OS 200104
 EM Entered STN: 20010515
 ED Last Updated on STN: 20010515

L10 ANSWER 6 OF 22 CANCERLIT
 AN 1998207022
 DN 98207022 Pubmed ID: 9538225
 TI Nitric oxide mediates interleukin-1-induced gene expression of matrix metalloproteinases and basic fibroblast growth factor in cultured rabbit articular chondrocytes.
 AU Sasaki K; Hattori T; Fujisawa T; Takahashi K; Inoue H; Takigawa M
 CS Department of Biochemistry and Molecular Dentistry, Okayama University Dental School, Okayama 700-8525, Japan.
 SO JOURNAL OF BIOCHEMISTRY, (1998 Mar) 123 (3) 431-9.
 CY Journal code: 0376600. ISSN: 0021-924X.
 DT Japan
 DT Journal: Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE 1998207022
 OS 199805
 EM Entered STN: 19980610
 ED Last Updated on STN: 19980610

L10 ANSWER 7 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2002:470155 BIOSIS
 DN PREV200200470155
 TI A recombinant NH2-terminal heparin-binding domain of the adhesive glycoprotein, thrombospondin-1, promotes endothelial tube formation and cell survival: A possible role for syndecan-4 proteoglycan.
 AU do Outeiro-Bernstein, Mariana A. Ferrati; Nunes, Sara Santana; Andrade, Ana Carolina Magalhães; Alves, Tercia Rodrigues; Legend, Chantal; Morandi, Verônica (1)
 CS (1) Departamento de Biologia Celular e Genética, Instituto de Biologia Roberto Alcântara Gomes, Universidade do Estado do Rio de Janeiro (UERJ), Rua São Francisco Xavier, 524, Maracanã, PHLC Sala 205, Rio de Janeiro, RJ; veronica@uerj.br Brazil

SO Matrix Biology, (June, 2002) Vol. 21, No. 4, pp. 311-324.
 http://www.elsevier.com/locate/matrix. print.
 ISSN: 0945-053X.

DT Article
 LA English

L10 ANSWER 8 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2002:428611 BIOSIS
 DN PREV200200428611
 TI Modulation of microvascular signaling by heparan sulfate matrix: Studies in syndecan-4 transgenic mice.
 AU Li, Jian; Parovian, Chohren; Li, Jianyi; Hampton, Thomas G.; Metais, Caroline; Tkachenko, Eugene; Selik, Frank W.; Simons, Michael (1)
 CS (1) Angiotensin Research Center and Section of Cardiology, Dartmouth Medical School and Dartmouth Hitchcock Medical Center, Lebanon, NH, 03756; Michael.Simons@dartmouth.edu USA
 SO Microvascular Research, (July, 2002) Vol. 64, No. 1, pp. 38-46.
 http://www.academicpress.com/micrpath. print.
 ISSN: 0026-2862.

DT Article
 LA English

L10 ANSWER 9 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2002:263200 BIOSIS
 DN PREV200200263200
 TI PKCdelta regulates FGF-2-stimulated angiogenesis in a syndecan-4-dependent manner: Cross-talk between PKC isozymes.
 AU Murakami, Masahiro (1); Horowitz, Arle; Simons, Michael (1)
 CS (1) Dartmouth-Hitchcock Med Ctr, Lebanon, NH USA
 SO Circulation, (October 23, 2001) Vol. 104, No. 17 Supplement, pp. II-34.
 http://circ.ahajournals.org/. print.
 Meeting Info: Scientific Sessions 2001 of the American Heart Association
 Anaheim, California, USA November 11-14, 2001
 ISSN: 0009-7332.

DT Conference
 LA English

L10 ANSWER 10 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2001:141520 BIOSIS
 DN PREV200100141520
 TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells.
 AU Luo, Jianying; Kato, Masato; Wang, Huiming; Bernfield, Merton; Bischoff, Joyce (1)
 CS (1) Surgical Research Laboratory, Children's Hospital, 300 Longwood Ave., Boston, MA, 02115; Bischoffmhub.cch.harvard.edu USA
 SO Journal of Cellular Biochemistry, (21 December 8 January) Vol. 80, No. 4, pp. 522-531. print.
 ISSN: 0730-2312.

DT Article
 LA English
 SL English

L10 ANSWER 11 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 1998:267777 BIOSIS
 DN PREV199800267777
 TI Nitric oxide mediates interleukin-1-induced gene expression of matrix metalloproteinases and basic fibroblast growth factor in cultured rabbit articular chondrocytes.
 AU Sasaki, Kazuhiro; Hattori, Takako; Fujisawa, Takuo; Takahashi, Kojiro; Inoue, Hajime; Takigawa, Masaharu (1)
 CS (1) Dep. Biochem. Molecular Dent., Okayama Univ. Dental Sch., Okayama 700-8525 Japan
 SO Journal of Biochemistry (Tokyo), (March, 1998) Vol. 123, No. 3, pp.

431-439.
ISSN: 0021-924X.
DT Article
LA English

L10 ANSWER 12 OF 22 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1998:95753 BIOSIS
DN PREV199800095753
TI Why do immature hemangiomas regress.
AU Eckhout, I. (1); Leaute-Labreze, C.; Taleb, A.
CS (1) Serv. Dermatol., Hop. Univ., De Pintealan 185, B-9000 Gent Belgium
SO Annales de Dermatologie et de Venerologie, (Nov., 1997) Vol. 124, No. 11, pp. 800-804.
ISSN: 0151-9638.
DT Article
LA French

L10 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:548089 CAPLUS
TI A recombinant NH2-terminal heparin-binding domain of the adhesive glycoprotein, thrombospondin-1, promotes endothelial tube formation and cell survival: a possible role for syndecan-4 proteoglycan
AU Ferrari do Outeiro-Bernstein, Mariana A.; Nunes, Sara Santana; Andrade, Ana Carolina Magalhães; Alves, Tercia Rodrigues; Legend, Chantal; Morandi, Verônica
CS Instituto de Biologia Roberto Alcântara Gomes, Departamento de Biologia Celular e Genética, Universidade do Estado do Rio de Janeiro (UERJ), Rio de Janeiro, Brazil
SO Matrix Biology (2002), 21(4), 311-324
CODEN: MTRBEC; ISSN: 0945-053X
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 58
THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:517556 CAPLUS
TI Cell adhesive and heparin binding sites on the laminin alpha chain G domains
AU Suzuki, Nobuharu; Kasai, Shingo; Ichikawa, Naoki; Okazaki, Ikuko; Kato, Kozue; Yamada, Masanori; Nishi, Norio; Yamashita, Hironobu; Kitagawa, Yasuo; Nomizu, Motoyoshi
CS Graduate School of Environmental Earth Science, Hokkaido University, Sapporo, 060-0810, Japan
SO Peptide Science (2002), Volume Date 2001, 36th, 127-130
CODEN: PSCIFQ; ISSN: 1344-7661
PB Japanese Peptide Society
DT Journal
LA English
RE.CNT 7
THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:362613 CAPLUS
DN 136:322854
TI The role of heparan sulfate in the regulation of tumor angiogenesis induced by angiomodulin
AU Yamada, Shunei
CS Dep. Biochem., Kobe Pharm. Univ., Kobe, 658-8558, Japan
SO Yakugaku Kenkyu no Shinpo (2002), 18, 113-126
CODEN: YAKSEY; ISSN: 0914-4544
PB Yakugaku Kenkyu Shorei Zaidan
DT Journal; General Review

LA Japanese

L10 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:331744 CAPLUS
TI Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action
AU Genaro, Renato; Zanetti, Margherita; Benincasa, Monica; Potta, Elena; Miani, Monica
CS Department of Biochemistry, Biophysics and Macromolecular Chemistry, University of Trieste, Trieste, I-34127, Italy
SO Current Pharmaceutical Design (2002), 8(9), 763-778
CODEN: CPDEPP; ISSN: 1381-6128
PB Bentham Science Publishers
DT Journal
LA English
RE.CNT 106
THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2002:51303 CAPLUS
TI Methods of modulating wound healing and angiogenesis
AU Goetjick, Paul F.
PA The General Hospital Corporation, USA
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2002004028 A1 20020117 WO 2001-USA1288 20010706
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GM, GR, GU, HK, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, RG, KZ, MD, RU, TJ, TM, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2002048585 A1 20020425 US 2001-900288 20010706
RE.CNT 5
THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2001:105942 CAPLUS
DN 134:220215
TI Heparan sulfate and chondroitin sulfate proteoglycans inhibit E-selectin binding to endothelial cells
AU Luo, Jianying; Kato, Masato; Wang, Hulming; Benfield, Merton; Bischoff, Joyce
CS Surgical Research Laboratory, Children's Hospital, Boston, MA, 02115, USA
SO Journal of Cellular Biochemistry (2000), 80(4), 522-531
CODEN: JCEBDS; ISSN: 0730-2312
PB Wiley-Liss, Inc.
DT Journal
LA English
RE.CNT 44
THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2000:121629 CAPLUS

DN 132:161252
TI N-acetylglucosamine-2-O-sulfated uronic acid compounds for
IN anglogenesis inhibitors, and therapeutic use thereof
PA Bernfield, Merton; Kim, Yeong Shik; Linhardt, Robert J.
Foundation
SO U.S., 11 pp.
CODEN: USXXAM
DT Patent
LA English
FAN CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE
PI US 6028061 A 20000222 US 1998-99286 19980618
RE CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 2000:114335 CAPLUS
DN 132:332744
TI A genome-wide survey of RAS transformation targets
AU Zuber, Johannes; Tchernitsa, Oleg I.; Hinemann, Bernd; Schmitz,
Anne-Charlotte; Griss, Martin; Hellriegel, Martin; Sers, Christine;
Rosenthal, Andre; Schaefer, Reinhold
Laboratory of Molecular Tumor Pathology, Institute of Pathology, Charite,
Humboldt-University, Berlin, D-10117, Germany
SO Nature Genetics (2000), 24(2), 144-152
CODEN: NGENEC; ISSN: 1061-4036
PB Nature America
DT Journal
LA English
RE CNT 31
THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 1998:297563 CAPLUS
DN 129:36611
TI Nitric oxide mediates interleukin-1-induced gene expression of matrix
metalloproteinases and basic fibroblast growth factor in cultured rabbit
articular chondrocytes
AU Sasaki, Kazuhiko; Hattori, Takao; Fujisawa, Takuo; Takahashi, Kojiro;
Inoue, Hajime; Takigawa, Masaharu
Department of Biochemistry and Molecular Dentistry, Okayama University
Dental School, Okayama, 700-8525, Japan
SO Journal of Biochemistry (Tokyo) (1998), 123(3), 431-439
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English

L10 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2002 ACS
AN 1996:357168 CAPLUS
DN 125:26311
TI Syndecin (syndecan expression-inducers) mediate modulation of
tissue repair
IN Gallo, Richard L.; Bernfield, Merton
PA Children's Medical Center Corporation, USA
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI MO 9609322 A2 19960328 MO 1995-US12080 19950922
WO 9609322 A3 19960523
W: AU, CA, JP, KR
RU, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
US 5654273 A 19970805
AU 9538228 A1 19960409
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